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Substitute for form 1449/PTO		Complete if Known		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Application Number</b>	10/536,471	
		<b>Filing Date</b>	2005-05-26	
		<b>First Named Inventor</b>	Proctor Jr et al.	
		<b>Art Unit</b>	2617	
		<b>Examiner Name</b>	DOAN, PHUOC HUU	
<b>Sheet</b>	1	of	11	<b>Attorney Docket No:</b> 080589

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	001	US4000467	12-28-1976	Lentz et al.	
	002	US4061970	12-06-1977	Magneron et al.	
	003	US4124825	11-07-1978	Webb et al.	
	004	US4701935	10-20-1987	Namiki et al.	
	005	US4922259	05-01-1990	Hall et al.	
	006	US5280480	01-18-1994	Pitt et al.	
	007	US5349463	09-20-1994	Hirohashi et al.	
	008	US5371734	12-06-1994	Fischer et al.	
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	012	US5485486	01-16-1996	Gilhousen; Klein S. et al.	
	013	US5509028	04-16-1996	Marque-Pucheu et al.	
	014	US5608755	03-04-1997	Rakib et al.	
	015	US5610916	03-11-1997	Kostreski et al.	
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	021	US5754540	05-19-1998	Liu et al.	

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		Number-Kind Code <sup>2(i) (if known)</sup>			
	022	US5764636	06-09-1998	Edsall et al.	
	023	US5784683	07-21-1998	Sistanizadeh et al.	
	024	US5852629	12-22-1998	Iwamatsu et al.	
	025	US5857144	01-05-1999	Mangum et al.	
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	027	US5963846	10-05-1999	Kurby et al.	
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	034	US6128512	10-03-2000	Trompower et al.	
	035	US6188694	02-13-2001	Fine et al.	
	036	US6195051	02-27-2001	McCoy et al.	
	037	US6202114	03-13-2001	Dutt et al.	
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	039	US6219739	04-17-2001	Dutt et al.	
	040	US6222503	04-24-2001	Gietema et al.	
	041	US6272351	08-07-2001	Langston et al.	
	042	US6285863	09-04-2001	Zhang et al.	

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	043	US6298061	10-02-2001	Chin et al.	
	044	US6304563	10-16-2001	Blessent et al.	
	045	US6304575	10-16-2001	Carroll et al.	
	046	US6331792	12-18-2001	Tonietto et al.	
	047	US6339694	01-15-2002	Komara et al.	
	048	US6342777	01-29-2002	Takahashi et al.	
	049	US6363068	03-26-2002	Kinoshita et al.	
	050	US6370185	04-09-2002	Schmutz et al.	
	051	US6370369	04-09-2002	Kraiem et al.	
	052	US6377612	04-23-2002	Baker et al.	
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	054	US6388995	05-14-2002	Gai et al.	
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	056	US6480481	11-12-2002	Park et al.	
	057	US6501955	12-31-2002	Durrant et al.	
	058	US6535732	03-18-2003	McIntosh et al.	
	059	US6539204	03-25-2003	Marsh et al.	
	060	US6549567	04-15-2003	Fullerton et al.	
	061	US6628624	09-30-2003	Mahajan et al.	
	062	US6671502	12-30-2003	Ogawa et al.	
	063	US6684058	01-27-2004	Karacaoglu et al.	

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	064	US6718160	04-06-2004	Schmutz et al.	
	065	US6781544	08-24-2004	Saliga et al.	
	066	US6880103	04-12-2005	Kim et al.	
	067	US6906669	06-14-2005	Sabet et al.	
	068	US6934511	08-23-2005	Lovinggood et al.	
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	070	US6944139	09-13-2005	Campanella et al.	
	071	US6983162	01-03-2006	Garani et al.	
	072	US6985516	01-10-2006	Easton et al.	
	073	US6990313	01-24-2006	Yarkosky et al.	
	074	US7027418	04-11-2006	Gan et al.	
	075	US7058368	06-06-2006	Nicholls et al.	
	076	US7088734	08-08-2006	Newberg et al.	
	077	US7103344	09-05-2006	Menard et al.	
	078	US7120930	10-10-2006	Maufer et al.	
	079	US7123676	10-17-2006	Gebara et al.	
	080	US7132988	11-07-2006	Yegin et al.	
	081	US7139527	11-21-2006	Tamaki et al.	
	082	US7193975	03-20-2007	Tsutsumi et al.	
	083	US7194275	03-20-2007	Bolin et al.	
	084	US7200134	04-03-2007	Proctor, Jr et al.	

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	085	US7215964	05-08-2007	Miyake et al.	
	086	US7233771	06-19-2007	Proctor, Jr et al.	
	087	US7299005	11-20-2007	Yarkosky et al.	
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	102	US20020061031	05-23-2002	Sugar, Gary L et al.	
	103	US20020089945	07-11-2002	Belcea, John M et al.	
	104	US20020115409	08-22-2002	Khayrallah, Ali S et al.	
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	106	US20020141435	10-03-2002	Newberg, Donald G et al.	
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	108	US20020177401	11-28-2002	Judd, Mano D et al.	
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	124	US20050130587	06-16-2005	Suda, Hirohito et al.	
	125	US20050201315	09-15-2005	Lakkis, Ismail et al.	

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	126	US20050254442	11-17-2005	Proctor, James A. JR et al.	
	127	US20060035643	02-16-2006	Vook et al.	
	128	US20060052066	03-09-2006	Cleveland et al.	
	129	US20060052099	03-09-2006	Parker et al.	
	130	US20060056352	03-16-2006	Proctor et al.	
	131	US20060262026	11-23-2006	Gainey et al.	
	132	US20070025349	02-01-2007	Bajic et al.	
	133	US20070121546	05-31-2007	Zuckerman et al.	
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	135	US20080233942	09-25-2008	Kim et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	136	WO0208857A2	01-31-2002	CADENCE DESIGN SYSTEMS INC [US]		<input type="checkbox"/>
	137	WO2004062305A1	07-22-2004	WIDEFI INC [US] et al.		<input type="checkbox"/>

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 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. - Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. - Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
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Substitute for form 1449/PTO		Complete if Known		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Application Number</b>	10/536,471	
		<b>Filing Date</b>	2005-05-26	
		<b>First Named Inventor</b>	Proctor Jr et al.	
		<b>Art Unit</b>	2617	
		<b>Examiner Name</b>	DOAN, PHUOC HUU	
<b>Sheet</b>	8	of	11	<b>Attorney Docket No:</b> 080589

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	138	ANDRISANO, et al., "On the Spectral Efficiency of CPM Systems over Real Channel in the Presence of Adjacent Channel and CoChannel Interference: A Comparison between Partial and Full Response Systems, IEEE Transactions on Vehicular Technology, Vol. 39, No. 2, May 1990.	
	139	Copy of First Office Action issued from the Chinese Patent Office in connection with corresponding Chinese application No. 200380101286.2. (Attorney Docket 080586CN, corresponding U.S. patent application serial number 10/530,546)	
	140	Draft Corrigendum to IEEE Standard for Local and Metropolitan Area Networks- Part 16: Air Interface for Fixed Broadband Wireless Access Systems, IEEE P802.16-2004/Cor1/D5.	
	141	Draft IEEE Standard for Local and Metropolitan Area Networks- Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems; Amendment for Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands.	
	142	First Report issued by IP Australia on July 31, 2007 in connection with the corresponding Australian application No. 2003239577. (Attorney Docket 080583AU, corresponding U.S. patent application serial number 10/516,327)	
	143	IEEE 802.16(e), Part 16: Air Interface for Fixed Broadband Wireless Access Systems, 2005, Sections 8.4.10.2.1; 8.4.10.3.2.	
	144	International Search Report-PCT/US03/039889, International Search Authority-ISA/US-05-19-04 (Attorney Docket 080589WO, corresponding U.S. patent application serial number 10/536,471).	
	145	KANNANGARA, et al., "Analysis of an Adaptive Wideband Duplexer with Double-Loop Cancellation," IEEE Transactions on Vehicular Technology, vol. 56, no. 4, July 2007, pp. 1971-1982.	
	146	KUTLU, et al., "Performance Analysis of MAC Protocols for Wireless Control Area Network," 1996 IEEE, pp. 494-499.	
	147	Mexican Office communication dated July 2, 2007 issued from Mexican Patent Office for application PA/a/2004/011588 with partial translation thereof. (Attorney Docket 080583MX, corresponding U.S. patent application serial number 10/516,327)	
	148	Notification of the First Office Action from Chinese Patent Office dates September 8, 2006	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Application Number</b>	10/536,471	
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		<b>First Named Inventor</b>	Proctor Jr et al.	
		<b>Art Unit</b>	2617	
		<b>Examiner Name</b>	DOAN, PHUOC HUU	
<b>Sheet</b>	9	of	11	<b>Attorney Docket No:</b> 080589

NON PATENT LITERATURE DOCUMENTS			
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		for the corresponding Chinese patent application No.: 200380105267.7. (Attorney Docket 080589CN, corresponding U.S. patent application serial number 10/536,471)	
	149	Office Action issued from the Mexican Patent Office dated February 22, 2008 in connection with the corresponding Mexican Patent Application No. PA/a/2004/011588. (Attorney Docket 080583MX, corresponding U.S. patent application serial number 10/516,327)	
	150	Office communication dated January 12, 2007 issued from the European Patent Office for counterpart application No. 03734136.9-1246. (Attorney Docket 080583EP, corresponding U.S. patent application serial number 10/516,327)	
	151	Office communication dated October 19, 2006 issued from the Mexican Patent Office for counterpart application No. PA/a/2004/011588. (Attorney Docket 080583MX, corresponding U.S. patent application serial number 10/516,327)	
	152	Official communication issued from the European Patent Office dated August 7, 2007 for the corresponding European patent application No. 03759271.4-2412. (Attorney Docket 080590EP, corresponding U.S. patent application serial number 10/531,078)	
	153	Official communication issued from the European Patent Office dated December 19, 2006 for the corresponding European patent application No. 03759271.4-2412. (Attorney Docket 080590EP, corresponding U.S. patent application serial number 10/531,078)	
	154	Second Office Action issued from the Chinese Patent Office on July 20, 2007 in connection with corresponding Chinese application No. 200380101286.2. (Attorney Docket 080586CN, corresponding U.S. patent application serial number 10/530,546)	
	155	Specifications for 2.3 GHz Band Portable Internet Service - Physical & Medium Access Control Layer. TTAS.KO-06.0082/R1. December 2005.	
	156	Third Office Action issued from the Patent Office of People's Republic of China dated January 4, 2008 in corresponding Chinese Patent Application No. 200380101286.2. (Attorney Docket 080586CN, corresponding U.S. patent application serial number 10/530,546)	
	157	Translation of Office Action issued by Chinese Patent Office on October 19, 2007 in connection with the corresponding Chinese application No. 03814391.7. (Attorney Docket 080583CN, corresponding U.S. patent application serial number 10/516,327)	
	158	U.S. PTO Office Action mailed on April 17, 2007 for the corresponding parent patent application No. 11/339,838, now U.S. Patent No. 7,230,935.	

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 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \* Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 36 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
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Substitute for form 1449/PTO				<div style="text-align: right;"><i>Complete if Known</i></div> <table border="1"> <tr> <td>Application Number</td> <td>10/536,471</td> </tr> <tr> <td>Filing Date</td> <td>2005-05-26</td> </tr> <tr> <td>First Named Inventor</td> <td>Proctor Jr et al.</td> </tr> <tr> <td>Art Unit</td> <td>2617</td> </tr> <tr> <td>Examiner Name</td> <td>DOAN, PHUOC HUU</td> </tr> </table>		Application Number	10/536,471	Filing Date	2005-05-26	First Named Inventor	Proctor Jr et al.	Art Unit	2617	Examiner Name	DOAN, PHUOC HUU
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Sheet	10	of	11	Attorney Docket No: 080589											

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	159	U.S. PTO Office Action mailed on January 24, 2007 for the corresponding parent patent application No. 11/339,838, now U.S. Patent No. 7,230,935.		
	160	U.S. PTO Office Action mailed on November 21, 2006 for the corresponding parent patent application No. 11/339,838, now U.S. Patent No. 7,230,935.		
	161	U.S. PTO Office Action mailed on November 6, 2006 for the corresponding parent patent application No. 11/339,838, now U.S. Patent No. 7,230,935.		

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